

CIRCULAR

45

02-01-23

Sub: Certificate Course On basic Household wiring

This is to inform all the Students of Government Degree college, Palakonda, that a 15 days Certificate Course on Basic Household wiring is being introduced for the improvement of Career in Electrical Sector from 2-1-23 - 20-02-23. All the interested Students are advised to enroll your names with the Coordinator P.K. Srinivasa Rao Lecturer in physics Govt Degree college, Palakonda on before.

Copy to , Circulate Among Staff

Principal
GOVT DEGREE COLLEGE
PALAKONDA
Tirupuram Manyam Dist

2) All the Students

3) Notice board

4) Office copy

Department of Physics
GDC - palakonda
Certificate Course on The Basics of Household Wiring

Course Objectives

A household wiring course is a training programme that teaches the fundamentals of electricity and how it functions within a home. The course covers a topics such as how electricity is generated, transmitted, transformed and how it enters the home through the power meter, the main breaker, and the branch circuit breaker panel. It is also includes an in depth look at rough-in wiring and explains the role, use, and importance of ground fault circuit and arc fault circuit protection. After completing the course, students will have the knowledge and skills to safely and competently complete most home electrical projects and repairs.

Learning Outcomes:

→ After completion of this course students able to practically implement the residential electrical wiring and enlist the various items used for wiring.

→ Students able to know about - Electrical Shocks and Electrical Earthing.

→ Students able to are equipped to repair their household appliances and also able to identify their career objectives.

Syllabus

Module 1:

Concept of basic electricity; Single phase & three phase circuits, Measurement of electrical quantities - voltage, current, resistance, impedance, power factor and energy, Measuring current, voltage and resistance of single phase and three phase load.

Module 2:-

classification and identification of the - electrical equipment; cables, wires and electrical accessories used in house. studies of diagram and symbols used in basic electric circuits, wiring and insulations

Module 3:

Electrical Earthing, Electrical shock, Electrical leakage and first aid.

LIST OF Students Enrolled 51

Name of the Event : Certificate Course on
"Basic household wiring"

S.No	Name of the student	class
1.	K. Haribabu	I mpc
2.	D. Dhana laxmi	I mpc
3.	L. Gayatri	I mpc
4.	K. Ramesh	I mpc
5.	M. Venunaidu	II mpc
6.	T. Mohana Rao	II mpc
7.	K. Saivardhan	I mpc
8.	B. Tarun	I mpc
9.	T. Sudheer Kumar	I mpc
10.	D. Harsha vardhan	I mpc
11.	G. Rupavathi	II mpc
12.	S. Harikrishna	II mpc
13.	G. Ganesh	II mpc
14.	S. Sai Sankar	II mpc
15.	S. Suchitra	II mpc
16.	P. Mahalaxmi	II mpc
17.	P. Anil	II mpc
18.	L. Bhavani	II mpc
19.	G. Urmila	II mpc
20.	M. Gowri Sankar	II mpc
21.	G. Rukmini	II mpc
22.	D Uma	III mpc
23.	G. Eswar Rao	II mpc
24.	G. Venkata Ramana	III mpc
25.	B. Lavanya	III mpc
26.	B. Ramakrishna	III mpc

27-	Apradeep	III mpe
28	A Lokesh	III mpe
29.	V. Chandras Sekhar	III mpe
30.	P. Harika	III mpe

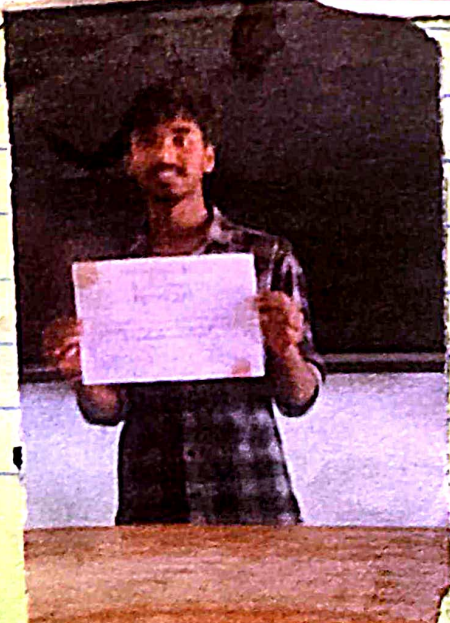
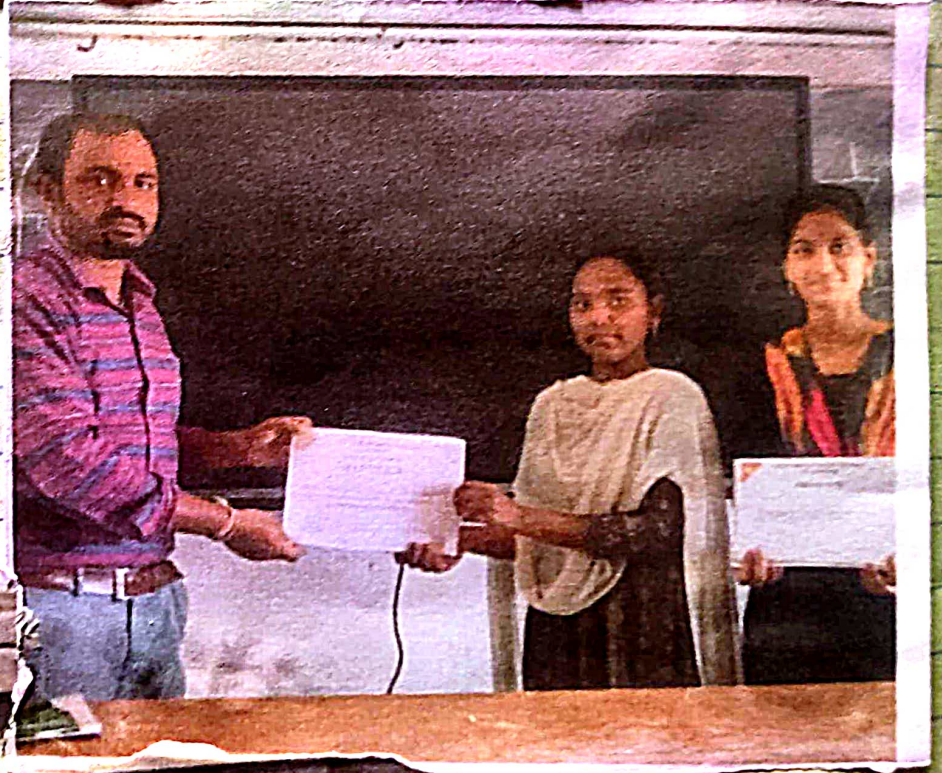
1	K. Haqibabi	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
2	A. Dharmalaxmi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	B. Gaagattisi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
4	K. Ramesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5	M. Veenu naidu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	J. Mohana Rao	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
7	K. Saivardhan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	B. Thasun	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9	T. Sudheer Kumar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10	D. Hooshavardhan	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
11	G. Ruparathi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12	S. Harikrishna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13	G. Ganesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14	S. Saibankar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15	S. Sudatta	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
16	P. Mahalaxmi	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17	P. Anil	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	L. Bhavani	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	G. Urmila	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	M. Gowrishankar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21	G. Rakmini	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22	D. Uma	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23	G. Esuvasaana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24	G. Venkata Ramana	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25	B. Lavanya	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	B. Rama Krishna	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	A. Pradeep	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	A. Lokesh	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	V. Chandrashekar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30	P. Harika	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

L.HO

Marks and Issue of Certificates

57

S.No	Student Name	Marks Obtained	Certificate Received Sign
1.	K. Haribabu	25	K. Haribabu
2.	T. Dhanalaxmi	21	T. Dhanalaxmi
3.	P. Gayatri		P. Gayathri
4.	K. Ramesh	22	K. Ramesh
5.	M. Venu Naidu	21	M. Venu Naidu
6.	J. Mohana Rao	20	J. Mohana Rao
7.	K. Sai vardhan	24	K. Sai vardhan
8.	B. Tharun	25	B. Tharun
9.	T. Sudheer Kumar	22	T. Sudheer Kumar
10.	D. Harshavardhan		D. Harsha vardhan
11.	G. Rupa vathi	25	G. Rupavathi
12.	S. Harikrishna	22	S. Harikrishna
13.	G. Ganesh	24	G. Ganesh
14.	S. Sai Sankar	23	S. Sai Sankar
15.	S. Suchitra	22	S. Suchitra
16.	P. Mahalaxmi	22	P. Mahalaxmi
17.	P. Anil	25	P. Anil
18.	L. Bhavani	25	L. Bhavani
19.	G. Urmila	21	G. Urmila
20.	M. Gowri Sankar	25	M. Gowri Sankar
21.	G. Rukmini	23	G. Rukmini
22.	D. Uma	22	D. Uma.
23.	G. Eswara Rao	22	G. Eswara Rao
24.	G. Venkata Ramana	25	B. Lavanya
25.	B. Lavanya	24	B. Lavanya
26.	B. Ramakrishna	22	B. Ramakrishna
27.	A. Pradeep	23	A. Pradeep
28.	A. Lokesh	21	A. Lokesh
29.	V. Chandrasekhar	22	V. Chandrasekhar
30.	P. Harika	23	P. Harika





Government Degree College Palakonda.





Department of Physics

Certificate

This is to certify that Mr/ Ms **I. DHANALEXMI** Student of
Year Regd ID has under gone Four Weeks training on Basic House hold wiring from
02-01-2023 to 24-02-2023 during the academic year 2022-2023.


In Charge of the Dept


IQAC Co-ordinator
GDC PALAKONDA
Parvathipuram Manyam Dist.


Principal
GDC PALAKONDA
Parvathipuram Manyam Dist.

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring


Question paper time : 30 min

Max Mark : 25 Name of the student : P. mahalanm class : 2nd (M.P.C)

22/25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock

3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire copper
6. CTS stands for cobal type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates ()
A. Horse power B. Electric power c. Voltage D. Joul
14. If the diameter increase then the resistance of wire is (A)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is ()

- A. Zero B. Infinite C. 10 D. Constant

[B 8]

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts

used gas

19. Maximum load in power circuit (C) D. Connected

Parallel

20. The acceptable value of

resistance to the domestic with load (B) E. Connected

series with load

Short Answer Questions

$5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz?

A) 1 A

22. Mostly used covering for electrical wires is?

pvc

23. What is meant by AC ?

Air condition

24. How many outlets are permitted in a power circuit is?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring


21 / 25

Question paper time : 30 min

Max Mark : 25 Name of the student : G. Urmita class : 2nd (M.P.C)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is Cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire _____
6. CTS stands for cable type
7. The color of protective conductor is Green Yellow
8. Which one of the following is a characteristics of an earth electrode

9. Symbol Grounding  _____
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
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13. P is the letter indicates _____ ()
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is (A)
)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is ()

- A. Zero B. Infinite C. 10 D. Constant

[A]

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
used gas

19. Maximum load in power circuit (C) D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A

22. Mostly used covering for electrical wires is ?

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminum .

Department of Physics
Government Degree College - Palakonda

25/25

Certificate course on Basics of house hold wiring


Question paper time : 30 min

Max Mark : 25

Name of the student : P. Anil

class : 2nd (M.P.C)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire Nickel
6. CTS stands for Cable type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is (A)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is ()

- A. Zero B. Infinite C. 10 D. Constant

[A]

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (B) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
used gas

19. Maximum load in power circuit (C) D. Connected
Parallel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

2 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Alu minum.


Department of Physics
Government Degree College - Palakonda
Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : M. Gowri Sankar class: 2nd [M.P.C.]

25/25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the Live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for Cable type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
Low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
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13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is ()

10

5

- A. Zero B. Infinite C. 10 D. Constant

[A]

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts

used gas

19. Maximum load in power circuit (C) D. Connected

Parallel

20. The acceptable value of resistance to the domestic with load (B) E. Connected

series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminum.

Department of Physics

Government Degree College - Palakonda


Certificate course on Basics of house hold wiring

25
25

Question paper time : 30 min

Max Mark : 25 Name of the student : K. Hasibabu class : 1st (M.P.C)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the Live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire copper
6. CTS stands for Cobalt type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
12. Which one of the following is the practical unit of Power (A)
13. P is the letter indicates (B)
14. If the diameter increase then the resistance of wire is (A)
15. Thermal resistance of an ideal conductor is ()

- A. Zero B. Infinite C. 10 D. Constant

[A]

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

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19. Maximum load in power circuit (C) D. Connected
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20. The acceptable value of
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series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz?

A) 1A

22. Mostly used covering for electrical wires is ?

A) PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

A) 2

25. Which material is used wiring for continues bus bar?

A) Aluminum

Department of Physics

Government Degree College - Palakonda


Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : G. Venkatasana class : 3rd m.p.c

25
25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
Porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for COBEL type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
12. Which one of the following is the practical unit of Power (A)
13. P is the letter indicates (B)
14. If the diameter increase then the resistance of wire is (A)
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

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18. Electrical fire for purpose (A) C. 3000 watts

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19. Maximum load in power circuit (C) D. Connected

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20. The acceptable value of

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25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics
Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min


Max Mark : 25 Name of the student : Ge. eswara Rao class : 3rd mpc

22

25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is clean wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of

5. Which one of the material used in electrical wire copper
6. CTS stands for COBle type
7. The color of protective conductor is _____
8. Which one of the following is a characteristics of an earth electrode
low resistance
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10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (~~D~~) A. Carbon dioxide

17. Fuse be installed in a circuit (~~E~~) B. 0.1 ohm

18. Electrical fire for purpose (~~A~~) C. 3000 watts
used gas

5 19. Maximum load in power circuit (~~C~~) D. Connected

Parllel

20. The acceptable value of

resistance to the domestic with load (~~B~~) E. Connected

series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by A C ?

4 24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

22
25

Department of Physics


Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : D. Uma class: 3rd m.p.c

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is clean wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
Porcelain
5. Which one of the material used in electrical wire COPPER
6. CTS stands for _____
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is JOULE

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

9

5

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
used gas

19. Maximum load in power circuit (C) D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

3

25. Which material is used wiring for continues bus bar?

ALUMINIUM

Department of Physics
Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

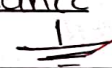
Max Mark : 25 Name of the student : G. RUKMINI class : 2nd m.p.c

23

25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleant wiring
2. During electrical shock which one used to avoid electrical shock
POSCER
3. In Domestic house wiring a switch in always placed in the live wire
4. Grooves in chart wiring are made with which material of

5. Which on of the material used in electrical wire COPPER
6. CTS stands for Cable type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The S I units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
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A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide

17. Fuse be installed in a circuit ~~(C)~~ B. 0.1 ohm

18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas

19. Maximum load in power circuit ~~(C)~~ D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load ~~(B)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Department of Physics

Government Degree College - Palakonda


Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : B. TARUN class : 1st m.p.c

25
25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the Live wire
4. Grooves in chart wiring are made with which material of
Porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for cable type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
Low resistance 
9. Symbol Grounding _____
10. The SI units of electrical Energy is Joule

10

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

5

A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide

17. Fuse be installed in a circuit ~~(E)~~ B. 0.1 ohm

18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas

19. Maximum load in power circuit ~~(C)~~ D. Connected
Parallel

20. The acceptable value of
resistance to the domestic with load ~~(B)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring


Question paper time : 30 min

Max Mark : 25 Name of the student : L. Bhavani class : 2nd m.p.c

25

25

Fill in the blanks 10×1 = 10 m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
Porcellex
5. Which one of the material used in electrical wire Copper
6. CTS stands for Cable Type
7. The color of protective conductor is Green, yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions 5×1 = 5

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide

17. Fuse be installed in a circuit ~~(E)~~ B. 0.1 ohm

18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas

19. Maximum load in power circuit ~~(C)~~ D. Connected
Parallel

20. The acceptable value of
resistance to the domestic with load ~~(B)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

23
25

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : S. Sai Shankar class : 2nd (M.P.C)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is _____
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of

5. Which one of the material used in electrical wire Copper
6. CTS stands for Cobal type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding ~~⊕~~
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (F) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
used gas

19. Maximum load in power circuit (C) D. Connected

Parallel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternate current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics

Government Degree College - Palakonda


Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : G. Rupavathi class : IInd (m.p.c)

25
25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleate wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch in always placed in the live wire
4. Grooves in chart wiring are made with which material of
polyceliver
5. Which on of the material used in electrical wire copper
6. CTS stands for cohel type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joul
14. If the diameter increase then the resistance of wire is) (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

10

5

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide
17. Fuse be installed in a circuit ~~(E)~~ B. 0.1 ohm
18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas
19. Maximum load in power circuit ~~(D)~~ D. Connected
Parallel
20. The acceptable value of
resistance to the domestic with load ~~(A)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternating current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : S. Suchu^{ba} class : 1st (M.P.C)

22
25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock

3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire copper
6. CTS stands for _____
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding F
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (C) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
used gas

5
19. Maximum load in power circuit (C) D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1 A^o

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

4
Alternative current

24. How many outlets are permitted in a power
circuit is ?

3

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics
Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25

23
25

Name of the student : A. Predeep class : 3rd m.p.c

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of

5. Which one of the material used in electrical wire copper
6. CTS stands for cable type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode

↓
9. Symbol Grounding _____
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is (A)
)
A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (~~D~~) A. Carbon dioxide

17. Fuse be installed in a circuit (~~E~~) B. 0.1 ohm

18. Electrical fire for purpose (~~A~~) C. 3000 watts
used gas

19. Maximum load in power circuit (~~C~~) D. Connected
Parallel

20. The acceptable value of
resistance to the domestic with load (~~B~~) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A

22. Mostly used covering for electrical wires is ?

Pvc

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Question paper time : 30 min

Max Mark : 25

22

25

Name of the student : B. Rama Krishna class : 3rd m.p.c

Fill in the blanks 10x 1 = 10 m

1. In wiring system the cheapest and simple method is clean wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the _____
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire copper
6. CTS stands for cable type
7. The color of protective conductor is _____
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding _____
10. The SI units of electrical Energy is Joule

Multiple choice questions 5x 1 = 5

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
12. Which one of the following is the practical unit of Power (A)
13. P is the letter indicates (B)
14. If the diameter increase then the resistance of wire is)
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (~~D~~) A. Carbon dioxide

17. Fuse be installed in a circuit (~~E~~) B. 0.1 ohm

18. Electrical fire for purpose (~~A~~) C. 3000 watts

used gas

19. Maximum load in power circuit (~~E~~) D. Connected

Parllel

20. The acceptable value of

resistance to the domestic with load (~~B~~) E. Connected

series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A

22. Mostly used covering for electrical wires is ?

Pvc

23. What is meant by AC ?

Alternative current

24. How many outlets are permitted in a power circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

24

25

Department of Physics
Government Degree College - Palakonda
Certificate course on Basics of house hold wiring

Question paper time : 30 min Max Mark : 25 Name of the student : G. Ganesha class : 1st (M.P.C)

Fill in the blanks 10 x 1 = 10 m

1. In wiring system the cheapest and simple method is cleate wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the _____
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for cable type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding ⏚
10. The SI units of electrical Energy is Joule

Multiple choice questions 5 x 1 = 5

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (B)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is) (A)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)

5

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide

17. Fuse be installed in a circuit ~~(E)~~ B. 0.1 ohm

18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas

19. Maximum load in power circuit ~~(C)~~ D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load ~~(B)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz ?

1A°

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by A C ?

Alternative current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics
Government Degree College - Palakonda
Certificate course on Basics of house hold wiring


2 B1
25

Question paper time : 30 min

Max Mark : 25 Name of the student : K. Sai vardhan class : 1st (MPC)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is Clean wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the Live wire
4. Grooves in chart wiring are made with which material of

5. Which one of the material used in electrical wire Copper
6. CTS stands for Cable type
7. The color of protective conductor is Green yellow
8. Which one of the following is a characteristics of an earth electrode
Low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
12. Which one of the following is the practical unit of Power (A)
13. P is the letter indicates (B)
14. If the diameter increase then the resistance of wire is) (A)
15. Thermal resistance of an ideal conductor is (A)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is ~~(D)~~ A. Carbon dioxide

17. Fuse be installed in a circuit ~~(E)~~ B. 0.1 ohm

18. Electrical fire for purpose ~~(A)~~ C. 3000 watts
used gas

19. Maximum load in power circuit ~~(C)~~ D. Connected
Parllel

20. The acceptable value of
resistance to the domestic with load ~~(B)~~ E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz?

1 A

22. Mostly used covering for electrical wires is ?

PVC

23. What is meant by AC ?

Alternative Current

24. How many outlets are permitted in a power
circuit is ?

2

25. Which material is used wiring for continues bus bar?

Aluminum

21
25

Department of Physics


Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : M. Venuraidy class : 2nd (MPC)

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is clean wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for Cobalt type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (A)

A. 1 units B. 0.1 units C. 5 units D. 0.5 units

12. Which one of the following is the practical unit of Power (A)

A. Horse power B. Kilowatt hour C. Watt D. Kilo joule

13. P is the letter indicates (B)

A. Horse power B. Electric power c. Voltage D. Joule

14. If the diameter increase then the resistance of wire is) (B)

A. Increase B. Decrease C. Remains Constant D. Fluctuate

15. Thermal resistance of an ideal conductor is (C)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts

used gas

19. Maximum load in power circuit (C) D. Connected

Parallel

20. The acceptable value of resistance to the domestic with load (E) E. Connected

series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz?

7A

22. Mostly used covering for electrical wires is?

PVC

23. What is meant by AC?

Air Condition

24. How many outlets are permitted in a power circuit is?

2

25. Which material is used wiring for continues bus bar?

Alluminium

20

25

Department of Physics


Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25 Name of the student : S. Mohan Rao class : 2nd (MPC)

Fill in the blanks 10x 1 = 10 m

1. In wiring system the cheapest and simple method is Clean wiring
2. During electrical shock which one used to avoid electrical shock
Dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in chart wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire Copper
6. CTS stands for Cable type
7. The color of protective conductor is Green wood
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding 
10. The SI units of electrical Energy is Joule

Multiple choice questions 5x 1 = 5

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (B)
- A. 1 units B. 0.1 units C. 5 units D. 0.5 units
12. Which one of the following is the practical unit of Power (A)
- A. Horse power B. Kilowatt hour C. Watt D. Kilo joule
13. P is the letter indicates (B)
- A. Horse power B. Electric power c. Voltage D. Joule
14. If the diameter increase then the resistance of wire is)
- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (C)

- A. Zero B. Infinite C. 10 D. Constant

Matching bits $5 \times 1 = 5$

16. Domestic electrical wiring is (D) A. Carbon dioxide

(19/19) 17. Fuse be installed in a circuit (E) B. 0.1 ohm

18. Electrical fire for purpose (A) C. 3000 watts
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Parallel

20. The acceptable value of
resistance to the domestic with load (B) E. Connected
series with load

Short Answer Questions $5 \times 1 = 5$

21. What is the range of current for painful shock with 50 Hz?

1A

22. Mostly used covering for electrical wires is?

PVC

23. What is meant by AC ?

-A/C condition

24. How many outlets are permitted in a power
circuit is?

3

25. Which material is used wiring for continues bus bar?

Aluminium

Department of Physics

Government Degree College - Palakonda

Certificate course on Basics of house hold wiring

Question paper time : 30 min

Max Mark : 25

Name of the student : A. Lokesh class : 3rd m.p.c

21
25

Fill in the blanks $10 \times 1 = 10$ m

1. In wiring system the cheapest and simple method is cleat wiring
2. During electrical shock which one used to avoid electrical shock
dry wood
3. In Domestic house wiring a switch is always placed in the live wire
4. Grooves in cleat wiring are made with which material of
porcelain
5. Which one of the material used in electrical wire copper
6. CTS stands for cable type
7. The color of protective conductor is green yellow
8. Which one of the following is a characteristics of an earth electrode
low resistance
9. Symbol Grounding _____
10. The SI units of electrical Energy is joule

Multiple choice questions $5 \times 1 = 5$

11. Calculate the number of units of electricity used if a bulb of 100 W is kept on for 5 hours (D)
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- A. Increase B. Decrease C. Remains Constant D. Fluctuate
15. Thermal resistance of an ideal conductor is (A)